

Storrie Accomplishments FY2009 Heritage Resources (MHRD only)

Code	Project	Project Name	Description	Status	Comments
4	39	Heritage Site Monitoring	Monitor known heritage sites in the fire area to determine exposure or damage from the fire.	Ongoing	10 previously recorded sites monitored, 5 new sites recorded.

Storrie Fire 09 Accomplishments- Ecology Program

Code	Project Name	Status	Comments
1	Aerial Data Collection	Completed	Awarded \$278,490 contract for LiDAR and Orthophotography. Data processing and analysis will occur in 2010.
1	Integrated Analysis of Reforestation and Restoration: Common Stand Exams	Completed	Awarded \$121,000 contract for 263 common stand exam plots across Storrie fire area. Data will be analyzed in 2010 to determine post-fire regeneration and succession, snag and log decay rates, and fuels development.

Storrie Accomplishments FY2009 Engineering (MHRD only)

Code	Project	Project Name	Description	Status	Comments
5	53	Direction safety road striping on access roads to Storrie Fire	The entire length of the Caribou Rd. was safety striped this summer by a contractor.	Completed	Road complies with WO specifications for paved FS roads.
5	54	Replace Directional Road signs along Forest Roads that were burned in the fire.	Replace wooden directional signs with recycled plastic ones. Signs have been designed.	ongoing	Signs will be purchased and installed in Spring 2010.

Storrie Accomplishments FY2009 Fisheries & Wildlife

Code	Project #	Project Name	Status	Comments
1	2	Integrated Analysis of Reforestation and Restoration: Wildlife Habitat Surveys	Ongoing	Gary Rotta coordinated with Almanor RD Wildlife Biologist Mark Williams for wildlife inventory work in 2009 for habitat and species specific inventories. The Plumas Forest aquatic biologist (Tina Hopkins) has coordinated with the Lassen Nat'l Forest Fish Biologist (Ryan Foote) and MHRD Hydrologist Kelby Gardiner, and have identified subwatersheds to inventory by priority. The next subwatersheds the crew will complete this fall (FY10) is Yellow Creek.
1	2	Integrated Analysis of Reforestation and Restoration: Update Habitat Layers	ongoing	Habitat Inventory and development of Habitat Layer: Need LIDAR and Photos for complete habitat inventory and development of habitat layers – move to accomplish in FY10.
1	2	Integrated Analysis of Reforestation and Restoration: FERC Study Update	ongoing	FERC Study updates were not directly accomplished by MTH wildlife; Marti Aiken was assimilating this data and this needs to be reviewed by all IDT members.
1	2	Integrated Analysis of Reforestation and Restoration: Botany Study	ongoing	San Jose State & UC Davis: Collected 25 soil and tissue samples for each of 12 species of rare plant; classified site and microhabitat variables per plant, classified plant phenology, bagged plants and collected seed; visually determined presence/absence of rare species, classified environment, GPS'ed all rare plants encountered
1	2	Integrated Analysis of Reforestation and Restoration: Aquatic Surveys	ongoing	This year is a pilot year for Basin wide inventories on the Plumas NF. Inventory crew determining a strategy to approach feasibility of surveys within the Storrie Fire, some areas are sheer cliffs and lack water...so some subwatersheds will be analyzed by aerial photos, orthophotos, LIDAR, and file searches etc... Serpentine canyon is one example....very steep, little water. Crew is gathering excellent data, and gpsing barriers etc, qualifying and quantifying habitat conditions, lots of photos, all will be placed in database and will be a useful

				<p>tool to determine potential project opportunities for Storrie.</p> <p>Basin wide inventories were completed on 80% of Chips Creek, Milkbranch creek to impassable rock wall approximately 2.5 miles upstream, Mill Creek. In addition, Wayne Cartwright (Plumas fisheries crew) hiked up Rush Creek, found 1.5-2.0 miles of excellent spawning habitat that will be opened with fish passage improvements.</p>
2	11	Deer Migration Corridor Management	ongoing	<p>Gary Rotta, MTH District Biologist, completed a Challenge Cost Share Agreement document with California Department of Fish & Game for the Deer Telemetry Study. Submitted to DFG for signature in May, 2009. As of this date (October 1, 2009) the State (DFG) is still in a state of “flux” position regarding fiscal items, including getting \$40,000 from the Plumas NF. It is anticipated that this agreement will be signed by both parties in FY10.</p>
2	21	Spotted Owl PAC Designation Resolved	Ongoing and deferred to 2011	<p>Both PNF and LNF coordinated with PSW regarding the layout of spotted owl call stations for the 2011 spotted owl calling effort. Coordination was with John Keane and Paula Shaklee regarding funding the crew for September 09 (FY09) and October 09 (FY10). Worked with LNF and PSW regarding logistics (housing, office space, etc). This is still ongoing but was a large enough impediment that owl surveys are now scheduled for 2011, not 2010.</p>
3	28	Fire-related sediment reduction along roads	complete	<p>Rolling dips with armored outlets were constructed and or improved along 5 miles of FS road 26N26 to reduce sediment delivery from non-point sources. Kelby Gardiner, Ryan Nupen, Craig Kusener, and members of the road crew were instrumental in design/implementation. Weather permitting; road surface grading and ditch maintenance will be implemented fall of FY10.</p>

3	31	Milk Ranch Creek Fish Passage and instream Improvements	ongoing	Milk Ranch Creek engineering/feasibility. – Ryan Nupen (PNF Engineer) had a very busy year with stimulus and therefore plans on completing this feasibility study postponed to first quarter of FY10.
3	32	North Fork Feather Fish Passage MOU	ongoing	FERC –Ecological Resource Committee, Terri Simon Jackson, Mike Kossow, and Tina Hopkins met in the field to review fish passage opportunities in relation to the Rock Creek Cresta license and reviewed Milk Ranch Creek and Rush Creek...All parties interested, except we still have to get railroad on board. Excellent opportunity to gain partnerships to add to these projects. Tina Hopkins has included funding for a professional collaborator to assist with negotiations with railroad to complete two passage proposals (Milk Ranch, and Mill Creek)...a tressel would most likely be required at Milk Ranch and would open ½ mile of excellent fish spawning habitat.
3	34	Rush Creek Fish Ladder	ongoing	Rush Creek engineering/feasibility. – Ryan Nupen (PNF Engineer) plans on completing this feasibility study postponed to first quarter of FY10.
3	35	Identification of existing and potential sources of hill slope sediment deposition into streams	ongoing	Several locations of fire induced hill slope erosion with corresponding channel sedimentation have been identified by MHRD Hydrologist Kelby Gardiner. Treatment design and more reconnaissance in fall FY10.
4	39	Heritage Site Monitoring: Monitor known heritage sites in the fire area to determine exposure or damage from the fire.	ongoing	10 previously recorded sites monitored, 5 new sites recorded.

Recreation Storrie Accomplishments for 2009.

ACCOMPLISHMENT	\$\$ spent
1) Trail crew has spent approximately 12 weeks logging out and maintaining <u>24.2 miles of trail</u> <ul style="list-style-type: none"> • Pacific Crest Trail from Lassen NF border south to Three Lakes. 14 miles total. • Chambers Creek Trail. 4.2 miles. • Indian Springs Trail. 6 miles. 	\$24,000
2) Trail, trailhead, and campground signs and bulletin boards were purchased and will be installed in fy 10	\$19,514
3) 1 GS-05 recreation technician to help implement recreation improvements for Storrie Fire area	\$10,000
4) 64 concrete tables were purchased for 4 campgrounds in the Storrie Fire area (tables to be installed 11/2009)	\$54,000
5) Purchase of miscellaneous recreation tools and equipment (mostly trail maintenance related)	\$23,500
6) Purchase of tool shed to store trail crew equipment & supplies	\$6,000
TOTAL \$\$\$ SPENT	\$137,014